

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION EXPRESS MAIL CERTIFICATE

First Named Inventor: O'Brien, Michael J. Attorney Docket Number: D497

Title: Ceramic Ball Bearing Fracture Test Method.

Express Mail Label Number: ER 310096165 US.

Date of Deposit: September, 30, 2003.

Application No.: Unassigned, Group No.: Unassigned.

Filing Date: Unassigned, Examiner: Unassigned.

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE:

I hereby state that the following attached papers:

Application Transmittal	1 page
Application Fee Transmittal	1 page with a duplicate copy
Declaration of the Inventor(s)	2 pages
Power of Attorney	1 page
Assignment Transmittal	1 page
Assignment of Patent Rights	2 pages
Patent Application	26 pages including claims & abstract
Drawing Sheets	6 sheets
Mail Room Return Postcard	1 Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. section 1.10, on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Sharon A. West

Name of Person mailing the above referenced papers

Sharon A. West, September, 30, 2003.  
Signature of person mailing papers Date of Mailing



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION FEE TRANSMITTAL

First Named Inventor: O'Brien, Michael J. Attorney Docket Number: D497

Title: Ceramic Ball Bearing Fracture Test Method.

Applicant, the inventors and the assignee, claims small entity status.

TOTAL AMOUNT OF PAYMENT: \$425.00

METHOD OF PAYMENT:

- ☒ Deposit Account. The Commissioner is authorized to charge applicant's Deposit Account.  
Deposit Account Number: 01-0428  
Deposit Account Name: The Aerospace Corporation
- ☒ Charge fee(s) indicated below.
- ☒ Charge any additional fees during the pendency of this application.
- ☒ Credit any overpayments.

FEE CALCULATION

<input checked="" type="checkbox"/> Filing Fee Small Entity (Fee Code 2001)	Basic Filing Fee: <u>\$385.00</u>
<input type="checkbox"/> Information Disclosure Statement	IDS Filing Fee: <u>0.00</u>
<input type="checkbox"/> Request for Continued Examination	RCE Filing Fee: <u>0.00</u>
<input type="checkbox"/> Extra Claims Fee for Utility Application	Claim Filing Fee: <u>0.00</u>
<input checked="" type="checkbox"/> The Total Claims are twenty or less, Independent Claims are three or less, and Multiple Dependent Claims are none.	
<input checked="" type="checkbox"/> Assignment Recording Fee	Assignment Fee: 40.00
	=====
	TOTAL Fee Paid <u>\$425.00</u>

SUBMITTED BY:

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Signature: *Derrick Michael Reid*, Date: September , 30 , 2003  
Derrick Michael Reid

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT APPLICATION TRANSMITTAL

First Named Inventor: O'Brien, Michael J. Attorney Docket Number: D497

Title: Ceramic Ball Bearing Fracture Test Method.

Applicant hereby applies for a U.S. Patent and claims Small Entity Status.

APPLICATION ELEMENTS:

<input checked="" type="checkbox"/> Specification	Total Pages: <u>21</u> .
Title Page of the Specification	
Background of the Invention	
Brief Summary of the Invention	
Brief Description of the Drawings	
Detailed Description	
<input checked="" type="checkbox"/> Claims	Total Claims: <u>16</u> .
<input checked="" type="checkbox"/> Abstract of the Disclosure	Total Pages: <u>1</u> .
<input checked="" type="checkbox"/> Drawings (35 U.S.C.113)	Total Sheets: <u>6</u> .

ACCOMPANYING APPLICATION PARTS:

<input checked="" type="checkbox"/> Application Fee Transmittal	
<input checked="" type="checkbox"/> Declaration of the Inventors	Total pages: <u>2</u> .
<input checked="" type="checkbox"/> Newly Executed Original Application	
<input type="checkbox"/> Copy from a Prior Application (37 CFR 1.63d)	
<input checked="" type="checkbox"/> Power of Attorney	
<input checked="" type="checkbox"/> Assignment Transmittal & Assignment	Total pages: <u>3</u> .
<input type="checkbox"/> Information Disclosure Statement	Total Pages: <u>      </u> .
<input type="checkbox"/> Preliminary Amendment	Total Pages: <u>      </u> .
<input checked="" type="checkbox"/> Certificate of Express Mailing	
<input checked="" type="checkbox"/> Mail Room Return Receipt Postcard	

CONTINUING APPLICATION:

☐ Continuation    ☐ Divisional    ☐ Continuation-In-Part (CIP)  
Prior Application Serial No.: \_\_\_\_\_, Filing Date: \_\_\_\_\_, \_\_\_\_\_.  
Patent Examiner: \_\_\_\_\_, Art Group Number: \_\_\_\_\_.

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Signature: Derrick Michael Reid, Date: September, 30, 2003.  
Derrick Michael Reid

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION OF THE INVENTORS

FOR UTILITY PATENT APPLICATION (37 CFR 1.63)

First Named Inventor: O'Brien, Michael J. Attorney Docket Number: D497

I, (We) hereby declare that each inventor's residence, mailing address, and citizenship are as stated below next to their name. I (We) believe the inventor(s) named below to be the original and first inventor(s) of the subject matter that is claimed and for which a patent is sought on the invention entitled:

Ceramic Ball Bearing Fracture Test Method.

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Title of Invention

This declaration is submitted as an original filing with the specification attached hereto, including:

☐ Preliminary Amendment Filed herewith, and/or

☐ Application Amendment Filed on: \_\_\_\_\_, \_\_\_\_\_, and  
having an Application Serial No.: \_\_\_\_\_.

I (We) hereby state that I (we) have reviewed and understand the contents of the specification identified above, including the claims, as amended by any amendment specifically referred to above.

I (We) acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I (We) hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.